

PRODUCT INFORMATION

\$hasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-printcommerce-print-products-public.php on line 2806 Tag

GLUT4

Human SLC2A4 full length protein-synthetic nanodisc

Delivery Uniprot ID P14672 HEK293 **Expression Host**

Protein Families

Protein Pathways Adipocytokine signaling pathway, Insulin signaling pathway, Type II diabetes mellitus

The human full length SLC2A4 protein has a MW of 54.6 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Formulation & Reconstitution

Storage & Shipping

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in Jophilized form. After econstitution, front intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. This gene is a member of the solute carrier family 2 (facilitated gulcose transporter) family and encodes a protein that functions as an insulin-regulated facilitative glucose transporter. In the absence of insulin, this integral membrane protein is sequestered within the cells of mucle and adjuose tissue. gene have been associated with noninsulin-dependent diabetes mellitus (NIDDM): [provided by RefSeq. jul 2008] Research use only

Conjugate Unconjugated

ELISA assay to evaluate SLC2A4-Nanodisc 0.2µg Human SLC2A4-Nanodisc per well

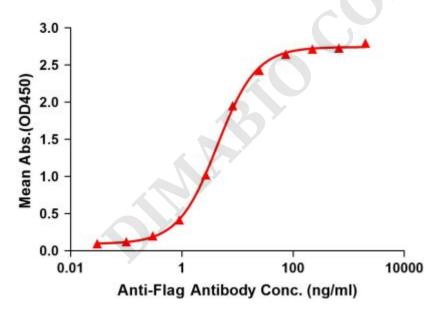


Figure 1. Elisa plates were pre-coated with Flag Tag SLC2A4-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC2A4-Nanodisc is 4.357ng/ml.

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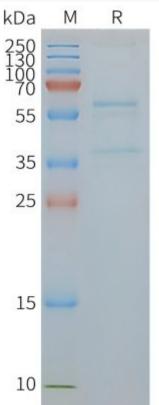


Figure 2. Human SLC2A4-Nanodisc, Flag Tag on SDS-PAGE



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